

Converting Colors

YUV(47.1170, -4.0017, 23.5764)

Have a look what the booklet for
YUV(47.1170, -4.0017, 23.5764)
contains.

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Color

**YUV(47.1170, -4.0017,
23.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2327
RGB	74, 35, 39
RGB Percent	29%, 14%, 15%
CMY	0.7098, 0.8627, 0.8471
CMYK	0.00, 0.53, 0.47, 0.71
HSL	354°, 36%, 21%
HSV	354°, 53%, 29%
XYZ	3.7913, 2.8044, 2.2609
YIQ	47.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

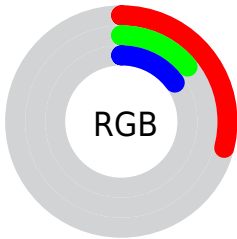
Format	Color
RYB	74, 35, 39
Decimal	4858663
CIELab	19.24, 18.93, 5.79
CIElCh	19, 19.796, 17.012
Yxy	2.8044, 0.4281, 0.3166
Android (android.graphics.Color)	4283048743 (0xFF4A2327)
YUV	47.1170, -4.0017, 23.5764
Hunter-Lab	16.7463, 11.1054, 3.7176

Details

The YUV color **47.1170, -4.0017, 23.5764** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.8830, 4.0017, -23.5764**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4980, -5.1755, 26.7503**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **42.2100, -5.0335, 27.8798**, and if you desaturate by 10%, it is **52.0240, -2.9698, 19.2730**.

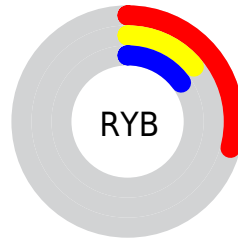
Distribution



Red (29%)

Green (14%)

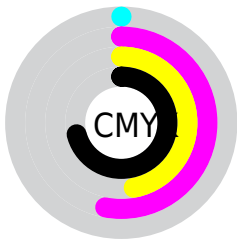
Blue (15%)



Red (29%)

Yellow (14%)

Blue (15%)

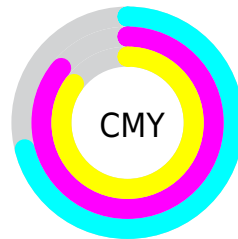


Cyan (0%)

Magenta (53%)

Yellow (47%)

Black (71%)



Cyan (71%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1170, -4.0017, 23.5764 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 47.1170, -4.0017, 23.5764 by changing the saturation by 10% instead.

■ 47.1170, -4.0017,
23.5764

■ 47.1170, -4.0017,
23.5764

■ 255.0000, 0.0000,
0.0000

■ 25.2200, -3.5595,
21.7321

■ 94.4980, -5.1755,
26.7503

■ 8.7850, -3.8380,
17.7286

■ 119.0960, -5.4703,
27.9798

■ 0.0000, 0.0000,
0.0000

■ 144.6940, -5.7651,
29.2094

■ 171.8790, -6.3493,
29.9241

■ 199.4770, -6.6442,
31.1537

■ 224.4980, -5.1755,

26.7503

244.7130, -1.3375,
9.0217

47.1170, -4.0017,
23.5764

47.1170, -4.0017,
23.5764

42.2100, -5.0335,
27.8798

52.0240, -2.9698,
19.2730

36.8300, -5.3392,
32.5981

57.4040, -2.6642,
14.5547

31.9230, -6.3710,
36.9015

62.3110, -1.6323,
10.2513

26.4290, -7.1135,
41.7198

67.8050, -0.8899,
5.4330

23.0380, -7.4137,
44.6937

72.5980, -0.2948,
1.2296

■ 77.5050, 0.7370,
-3.0739

■ 82.8850, 1.0427,
-7.7921

■ 87.7920, 2.0745,
-12.0956

■ 93.2860, 2.8170,
-16.9138

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.6310, 3.1399, 19.6176



47.1170, -4.0017, 23.5764



46.2000, -9.9586, 20.8726

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1170, -4.0017, 23.5764



42.7570, -8.2612, -10.3109



39.0960, 17.7007, -30.7792

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.1170, -4.0017, 23.5764



61.8830, 4.0017, -23.5764

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.7490, 13.9277, -33.9829



47.1170, -4.0017, 23.5764



38.3510, 0.8130, -27.4948

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1170, -4.0017, 23.5764



44.2810, -12.9565, 2.3846



37.9680, 8.3968, -33.2979



46.2130, 13.6990, -7.2028

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.1170, -4.0017, 23.5764



46.0700, -12.8525, 15.7246



37.9680, 8.3968, -33.2979



38.2590, 17.1273, -33.5531

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.1170, -4.0017, 23.5764



86.0120, -1.4849, 9.6365



49.6120, 12.0233, 17.0033



41.8050, -0.8899, 5.4330



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1170, -4.0017, 23.5764



54.9230, -6.3710, 36.9015



55.4660, -10.0897, 16.2543



35.3100, -0.1528, 2.3591



31.6380, -10.6675, 61.7075



71.5060, -23.4205, 138.9992

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.1170, -4.0017, 23.5764



54.9230, -6.3710, 36.9015



53.5340, 10.0897, -16.2543



35.3100, -0.1528, 2.3591



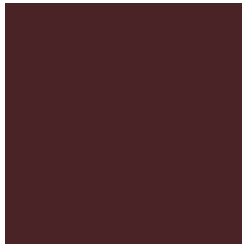
31.6380, -10.6675, 61.7075



71.5060, -23.4205, 138.9992

Previews

White Background



This preview shows how the YUV color 47.1170, -4.0017, 23.5764 looks on a white background.

Color Contrast Check

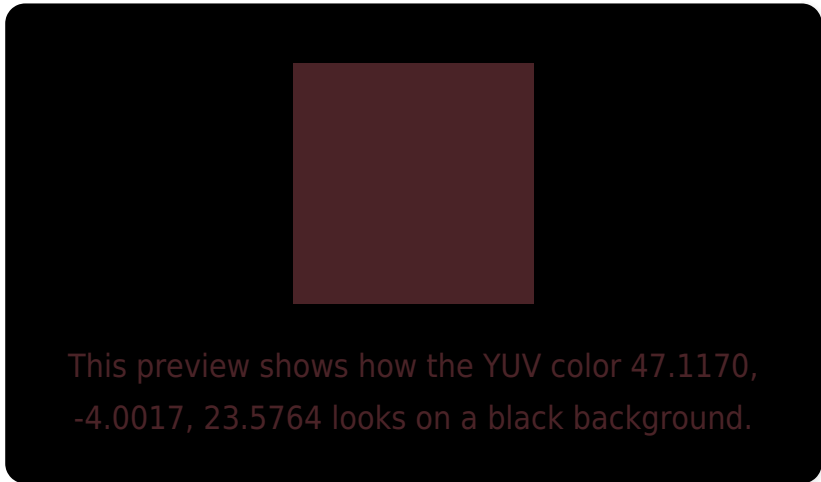
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

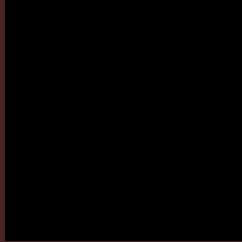
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.1170, -4.0017, 23.5764

Background



This preview shows how black text looks on a background with the YUV color 47.1170, -4.0017, 23.5764.



This preview shows how white text looks on a background with the YUV color 47.1170, -4.0017,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.1170, -4.0017, 23.5764

Protanopia

47.3700, -1.1684, 1.4295

Deuteranopia

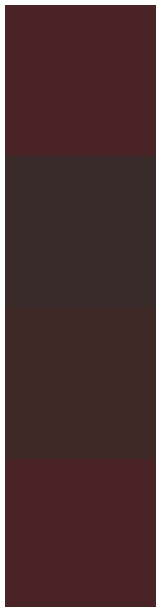
47.0780, -4.9685, 6.9476



Tritanopia

47.0030, -4.4385, 23.6764

Trichromacy



Original Color

47.1170, -4.0017, 23.5764

Protanomaly

47.4850, -2.2111, 9.2217

Deuteranomaly

46.9370, -4.4059, 13.2103

Tritanomaly

47.0030, -4.4385, 23.6764

Monochromacy



Original Color

47.1170, -4.0017, 23.5764

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3000, -1.6269, 8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1170, -4.0017, 23.5764 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 35, 39)` looks like.

```
.text, #text, p{  
    color:rgb(74, 35, 39)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 35, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 35, 39) }
```

Border

The CSS property to change the border of an element to YUV 47.1170, -4.0017, 23.5764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 35, 39) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 35, 39) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(74, 35, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 35, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 35, 39);  
box-shadow:4px 4px 4px 4px rgb(74, 35, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1170, -4.0017, 23.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 35, 39) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 35,  
39) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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